



## ***HISTORY AND CURRENT STATUS OF THE CIMEL SUN-PHOTOMETERS AT ACRF SITES***

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### **ABSTRACT**

As of August 2007, the ARM External Data Center (Laurie Gregory) took on some limited form of mentorship for the Cimel sun-photometers (CSPHOTs) to coordinate the National Aeronautics and Space Administration Aeronet's and ARM Climate Research Facility (ACRF) site operations' activities to ascertain proper functioning, calibration, and data delivery of the CSPHOTs located at ACRF sites (i.e., Southern Great Plains [SGP]-C1, North Slope of Alaska [NSA]-C1, Tropical Western Pacific [TWP]-C2, the ARM Mobile Facility [AMF]). This comes on the heels of two important operational revisions: (1) adding serial line data collection and internet transfer, and (2) adding the zenith-pointing cloud mode. We review the time-line and history of these changes and describe plans for adding additional monitoring capabilities in the data -system to detect problems sooner and limit data loss.

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